

Addition

Early addition begins with finding 1 more using objects, tracks, number lines and 100 squares. This can then be developed into bigger jumps. Number bond knowledge is critical (rote to 10 and 20) as well as plenty of practical experiences and modelling. Developmentally children can begin to use number lines, empty number lines and recording questions and answers in horizontal form (informal addition). This then leads onto a compact written method.

Mental methods including using partitioning, patterns of 10, expanded addition.

$$47 + 76 = (40 + 70) + (7 + 6)$$

Using a number line leading onto an empty number line building to bridging 10/100.

$$47 + 76$$

Compact written method:

$$\begin{array}{r} 47 \\ + 76 \\ \hline 123 \\ 1 \end{array}$$